

Work Order ID 63719

Wednesday, November 10, 2010 1:41:28 PM



A.S.D.

Page 1

Item ID:	D4020-5	Accept		Setup	Start	
Revision ID:						
Item Name:	Mesh (350 Basket Long, Lid)				Stop	
Start Date:	11/10/2010	Start Qty:	1.00			
Required Date:	11/17/2010	Req'd Qty:	1.00			
Reference:						

Approvals:	Process Plan:		Date:	10-11-10	Tooling:		Date:		Run	Start	
	QC:		Date:		SPC (Y/N):		Date:			Stop	

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4020	A

100
 FLOW WATER JET
 Shear
 Shear

Memo
 1-Cut as per Dwg D4020

0.00
 0.00

SAD
 10-11-11

MATERIAL CERTIFICATION
 REQ'D UPON DELIVERY
 10-11-11

110
 QC5- Inspect part completeness to step on W/O
 QC
 Quality Control

Memo

0.00
 0.00

8/10/11/12

120
 Identify as per dwg & Stock Location:
 Packaging
 Packaging

Memo

0.00
 0.00

SAD
 10-11-12

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Work Order ID 63719

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Item ID: D4020-5

Accept

Revision ID:

Item Name: Mesh (350 Basket Long, Lid)

Start Date: 11/10/2010 Start Qty: 1.00

Required Date: 11/17/2010 Req'd Qty: 1.00

Reference:

Cust Item ID:

Customer:

Approvals:

Process Plan:

Date:

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC21- Final Inspection - Work Order Release

0.00

QC

Memo

0.00

Quality Control

MF
10-11-15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Wednesday, November 10, 2010 1:41:28 PM

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Work Order ID: 63719

Parent Item: D4020-5

Parent Item Name: Mesh (350 Basket Long, Lid)

Start Date: 11/10/2010

Required Date: 11/17/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: new issue DD 09.11.26 verified by:EC
per dwg revA 10.03.15 verified by:EC IPP Rev:B as

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M304EX0.75-16F

Purchased

No

100

sf

884.2081

14.386

15.14316



SAD 10-11-11

Expanded Metal Flat SS

Location

Loc Qty

Loc Code

MAT

884.208133

114809

95.949343

114853

11.80059

115012

395.1315

115067

13.0125

115171

6.0394

115401

76.0095

115665

5.6216

115989

280.6437

15.1432

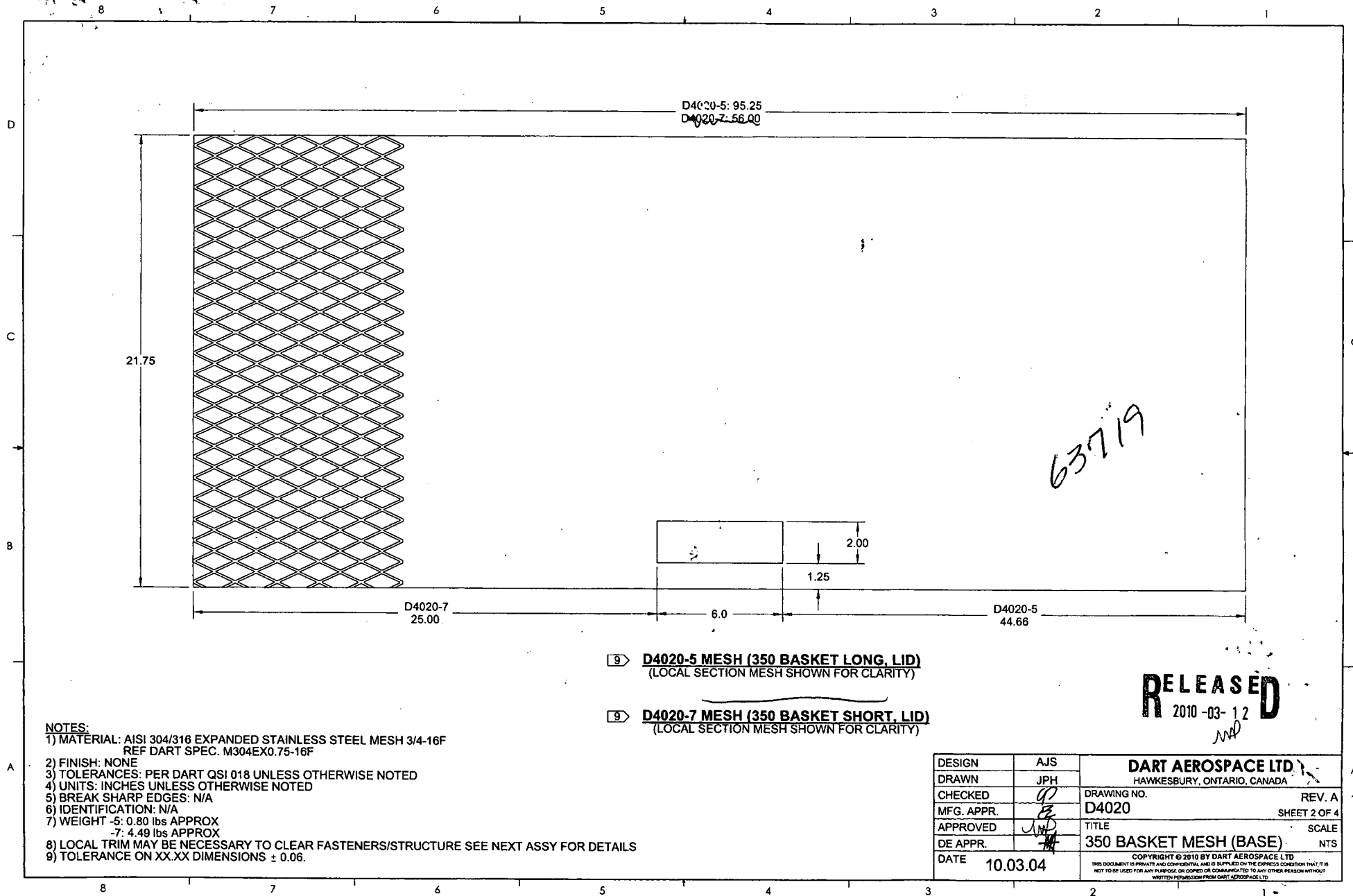
W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries



NOTES:

- 1) MATERIAL: AISI 304/316 EXPANDED STAINLESS STEEL MESH 3/4-16F
REF DART SPEC. M304EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT -5: 0.80 lbs APPROX
-7: 4.49 lbs APPROX
- 8) LOCAL TRIM MAY BE NECESSARY TO CLEAR FASTENERS/STRUCTURE SEE NEXT ASSY FOR DETAILS
- 9) TOLERANCE ON XX.XX DIMENSIONS ± 0.06 .

9 D4020-5 MESH (350 BASKET LONG, LID)
(LOCAL SECTION MESH SHOWN FOR CLARITY)

9 D4020-7 MESH (350 BASKET SHORT, LID)
(LOCAL SECTION MESH SHOWN FOR CLARITY)

RELEASED
2010-03-12
MAD

DESIGN	AJS	DART AEROSPACE LTD	
DRAWN	JPH	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4020	SHEET 2 OF 4
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	350 BASKET MESH (BASE)	NTS
DATE	10.03.04	COPYRIGHT © 2010 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Receiving Report

Date: 10/14/26 Batch No: n 115989
 Supplier: ULB RICH DINA Dart P/O: 12792

Packing Slip: Yes ☒ No ☐ Release Note Attached: Yes ☒ No ☐ N/A ☐
 Invoice: Yes ☐ No ☒ Waybill Attached: Yes ☒ No ☐ N/A ☐
 Receipt: Cash ☐ Cr ☒ Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection ☒ N/A ☐
 Work Order 101028 N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

Production/Admin: 10/14/26
 Date
 Received/Costing
 Initial

Location

Purchase Order Receipt Listing

Page 1 of 1

Tuesday, October 26, 2010 2:08:50 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO12792 Receipt Dates from 10/26/2010 to 10/26/2010 All Line Item Types

All Item ID/GL/WOs All Rec. Emp.loyees All Currencies

Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name		VC-DIV001	Diversified Ulbrich								
PO12792	1		M304EX0.75-16F	sf	10/27/2010	10/26/2010	320.0000	\$4.45	0.0000	0	\$1,424.00
CAD	No		Expanded Metal Flat SS	sf	320.0000	DESJ02		\$1,424.00	0.0000	0	
			115989								
Total Received Quantity:											320.0000
Total Qty to Inspect (PO U/M):											0.0000
Total Reject Quantity:											0.0000
Total Receipt Value:											\$1,424.00
Total Balance Due Quantity:											0.0000

DIVERSIFIED ULBRICH
A DIVISION OF ULBRICH OF CANADA INC.
STAINLESS STEEL AND SPECIAL METALS



Diversified Ulbrich
26A Hymus Blvd
PTE. Claire, QC H9R 1C9,
Phone: (514)694-6522 Fax: (514)694-0266
Toll Free: (800)361-5950
SHIP TO:

PACKING LIST

Page: 1

I016949

SOLD TO:
00022279

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ON K6A 1K7

SPECIAL INSTRUCTIONS

SHIP TST GROUND
COLLECT

Contact: SUE BEDFORD (PA

Ship Terms: COLLECT

MTR:Y

Currency	Sales Person	Customer Phone	Customer Fax	Customer PO
CANADIAN DOLLARS	BOB MESSETT	(613) 632-5200	(613) 632-4443	PO12792



Sales Order	Terms	Ship Via	Date Ordered	Date Required	Date Shipped
W211163	NET 30 DAYS	COMMON CARRIER	10/22/10	10/25/10	10/25/10

Ordered	Back Ordered	Unit	Description	Bundle #	Heat #	Shipped
10		PC	SSH T-304 EXP 16F x 3/4" x 48" 180 LB / 10 PC DIAMONDS MUST RUN ALONG THE 8' LENGTH MILL TEST WITH DELIVERY CERT. D'ANALYSE, 1 PALETTE	L008534	855679	10
			Bundles:	Approx Weight:	180.0 LB	10/22/10
						15:14:53

Handwritten signature

Received by: _____ Date: _____ Signature: _____

TICNT 855679 PDF

Herstellerwerk / Manufacture's works / Usine productrice  ThyssenKrupp ThyssenKrupp Niosta		Art der Prüfbescheinigung / Type of inspection document / Type du document ABNAHMEPRUEFZEUGNIS INSPECTION CERTIFICATE CERTIFICAT DE RECEPTION nach / according to / suivant EN 10204-3.1		Bescheinigungs-Nr. / Document number / Numéro de document 1000195995 / Seite / Page / Page: 1 / 1						
Oberschlesienstrasse 16, 47807 Krefeld THYSSENKRUPP NIOSTA NORTH AMERICA INC. 2275 HALF DAY ROAD, SUITE 300 BANNOCKBURN, IL 60015 USA			Besteller/Empfänger / Customer/Consignee / Acheteur/Destinataire THYSSENKRUPP NIOSTA, BANNOCKBURN, Kundenbestell-Nr. / Customer's order number / Numéro de la commande du client 51001382 - PO P00047 Werkauftrags-Nr. / Manufacture's works order no. / N° de la commande de l'usine productrice 900385849 / 002 Lieferschein-Nr. / Delivery Note No. / Avis d'expédition N°. 87176434 / 010 Erzeugnis / Product / Produit BAND/COIL/ROULEAU							
Lieferbedingungen / Terms of delivery / Conditions de livraison ASTM A 240/A 240M ASME SA 240 Sec.II Part A Ed.07 SAE AMS 5513 H SAE AMS 5511 H			Stahlsorte und Gütegruppe / Steel grade and quality / Nuance de l'acier TYPE 304 L / 304							
Kundenmaterial-Nr. Customer's material number N° de matière du client		Maße des Erzeugnisses (Dicke / Breite / Länge) Product dimensions (Thickness / Width / Length) Dimensions du produit (Epaisseur / Largeur / longueur)		Hersteller Steelmaking proc. Mode d'élabor.	Ausführung Finish Fini					
		0.0579 inch x 48.0000 inch		AOD	IIIc/2B					
Paket-Nr. Packing-No. N° Palette	Stückzahl No of pieces N° de pièces	Ist-Gewicht Actual weight Masse effective	Ident-Nr. Erzeugnis Ident-No of product Ident-N° du produit	Schmelz-Nr. Cast number Id. de la coulée	Proben-Id. Sample Id. Echantillon prélevement					
8021854	1	19.158 lbs	202613	855679	1002254740					
		19.158 lbs			1002254741					
Chemische Zusammensetzung / Chemical composition / Composition chimique										
Schmelz-Nr. / Cast no. 855679	% C	% Si	% Mn	% P	% S	% Cr	% Ni	% N	% Mo	% Cu
	0.021	0.43	1.23	0.029	0.0030	18.20	8.03	0.065	0.18	0.20
Prüfungsort / Test location Proben-Id. / Sample Id. Sample Id. / Proben-Id. Ident./Echantillon prélevement	QUER									
	YS0,2%	YS1,0	TS	E1.A2°	HV					
	PSI	PSI	PSI	%						
1002254740	41624	46410	92966	56.8	160					
1002254741	41624	46555	93111	58.2	167					
ASTM A 262 02a PRACTICE E.I.O. Bestimmung gegen Interdrit, Korros./Résistance à la Interdrit, corros./Résistance à la coros. Interdrit: Maße-Oberfläche/Dimensions-Surface/Dimensions-Surface: Verwechslungsprüfung (Spektralanalyse)/Test of Identity(spectrum analysis)/Contrôle d'identification (analyse spectrale): WÄRMEBEHANDLUNG: 1050 GRAD C / LUFT TRAITEMENT TERMIQUE: 1050 GRAD C / AIR HEAT - TREATMENT: 1050 DEGREE / AIR										
Aussteller der Bescheinigung / Originator of the document / Auteur du document ThyssenKrupp Niosta GmbH Dieses Zeugnis wurde maschinell erstellt Werk Krefeld Abnahme			Butzen Abnahmebeauftragter Inspector / Expert Tel: 02151-832447 Fax: 02151-834106							
Stempel des (der) Abnahmebeauftragten Receiving agent's stamp Pointon de l'agent réceptionnel										
Datum der Ausstellung und Bestätigung Date of issue and validation date d'émission et validation			09.04.2010							

P 200517



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO12792**

Purchase Order Date 10/22/10

PO Print Date 10/22/10

Page Number 1 of 1

Order From :

VC-DIV001

DIVERSIFIED ULBRICH
26A BLVD. HYMUS
POINTE-CLAIRE, QC H9R 1C9
CA

FAKED
Chantal

Contact Name

Vendor Phone 514 694 6522

Vendor Fax 514 694 0266

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	M304EX0.75-16F	Expanded Metal Flat SS	10/27/10 Yes	320.00 sf	TST ground	\$4.4500	\$1,424.00

Special Inst: MATERIAL: AISI 304/316 STAINLESS
STEEL EXPANDED METAL
DIAMOND MUST RUN ALONG 8'
LENGTH
SHEET OF 4' X 8'

PO Total:

\$1,424.00

**MATERIAL CERTIFICATION
REQ'D UPON DELIVERY**

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

Change Nbr: 1

Change Date: 10/22/10